37141

APPLICATION FOR PERMIT TO DISCHARGE OR WORK IN NAVIGABLE WATERS AND THEIR TRIBUTARIES

LECTION   GENE	RAL INFORMATION	N		1. State	Application No.	miller file be ass	signed by Cur	יו וויבי
·				<u> </u>	DIV. DIN	Type	Snqu	ence No.
2. Name of applica	nt and title of signing (	official No	tional	Cunous (				
}	<del></del>	W.	Donaid	Gypsum (	Corpor		_ ,	
			Dalwi	n lucker	Corbor	ate Pres	sicent	
3. Mailing address o	l applicant Na 1	tional	Gypsum	Company				
i	32!	5 Delay	are Ave	nue	<del></del>			
	P111	ffalo	New Yor	14202				
+			New 101	R 14202				
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				<del></del>		· · · <del></del>		
4. Neme, address, te	lephone number and to Mr. George	title of applic	cant's authorize	ed agent for peri	mit application co	orgination and Junewic	d corresponde	nce,
1	Plant Mana					ect En		
	National (		Company		1+ - 225	<u>lect rul</u>	RYWAAR.	
	50 Division	on Stre	company	<u> </u>	D. f	falo. No	ve Aven	14000
	Millington	) Van	Jersey	07946				19202
,	Phone 1-20	11-647	VENU	01340	<u>1</u> -/	<u>- <del>362</del> - 1</u> 6	20.30	
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MOTE TO APPLICA	NT: Refer to the per			r Work and Stru	ctures in and for	Discharges or D	Deposits into 1	Navigabie Wau
Required Information	before attempts	ng to comple	ite this form.					
" , attached sheet.	ncial information of a nent can be considered . However, in no event	d only for th	at information	for which a spe	cific written requ	est of confider		en made on th
attached sheet, information.  b. The applicant is a fladditional applicable, confident their department of Section II to fee.  If any discharge additional point signature  a. If a discharge is an office if of if by the principal the application is if no discharge.	nent can be considered. However, in no event that furnish such supplied is needed for a contern numbers to which red by items 20 and 20 points of a water quality show), the additional is a or deposit is involved, an application to discharge or risposite runk of corporate via the runk of corporate via the supplied to a signed by a girl is involved, an application state of the signed by a girl is involved, an application in sinvolved, an application in the signed by a girl involved, an application in the signed by a girl involved, an application in the signed by a girl involved, an application in the signed by a girl involved, an application in the signed by a girl involved, an application in the signed by a girl involved, an application in the signed by a girl involved, and application in the signed by a girl involved, and application in the signed by a girl involved, and application in the signed by a girl involved and application in the signed by a girl involved and application in the signed by a girl involved and application in the signed by a girl involved and application in the signed by a girl involved and application in the signed by a girl involved and application in the signed by a girl involved and application in the signed by a girl involved and application in the signed by a girl involved and application in the signed by a girl involved and a girl invol	d only for the twill identification of the control	at information ication of the conformation as it onse to any itemply.  Attached to this on or a written sheet(s) in "c" item fee of \$10 and by a corporator above who polications on lear or the propriational by the item feed by the corporation of the propriation of the conformation of	for which a spe- entents and free sequired by the non-this form, sapplication O- communication above, and the in must be subm tion must be sig- reports directly behalf of the co- letter, Other sign applicant or his	cific written requipment of a dischi- e District Enginorattach a sheet entitle rapers which their papers which their papers which describes confidential information with this appropriation. In the sauth principal reporation, in the sauth order agent authorized agent	est of confider arge be recognist in order to continuous be attact water quality impation, An application, An application of a partial case of a partial are discussed.	valuate fully a nel Information thed to this ap- mpact (see Its escribed in "a additional SSO officer of that cer and who hership or a soo d in the pamp	en made on the ential or privile in application, on." Indicate or explication including 22 and iter is above.  It is required for corporation or is been designed proprietorial inlet.
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Incake	22.	PH'	YSIC	AL	DESCRIPTI	ON OF INTAK	E WAT	ER A	ND	DISCHARGE			
Parameter   Para	intake				Discharge	)				•	570		<i>;</i>
Park			_				\				Discharge Se		
Parameter   13	11,41,7	ALCO MARK	\$7,60 \$7,65		ALFREE DAIL	OR A HILLIAN SERVICE S	OR KA	ANTING	A CAS	TA CHAIL	BORING	avors of	
Gallers per day    120,000   55,000   35,000   75,000   OTHR   ABS	Parameter	`				\		\	\	•	•		ח
Temperature (Winswit (*F)	(Gallons per day)	120,00	00			<b>55,</b> 000	35,	000	,	75,000	OTHR	AB	s
Temperature   19	pH 00400	7.5				8.5	7.0			11	OTHR	AB	S
Summer (°F)   75	(Winter) (°F)	40				55	35			60	OTHR	AB	s
PARAMETER	(Summer) (°F)	75				70	60			80	OTHR	AB	S
Color	23.				Dŧ	SCHARGE CO	VTENT	S					
DOUBD	PARAMETE	i R	PRESENT	ABSENT	P	ARAMETER		PRESENT	ABSENT	•	ARAMETER		PRESENT
Turbidity		<del></del>	-	-				<b> </b>				. <del></del>	1
Table		<del></del>			Antimony 01097				x				
Description				x					×				
OBS-00			x						×				
Oct   Oct									x	00929			×
Nitrate   O0620			x						×	01152			
Nitrite			x		01027				х	01102			
Nitries			x					x		01092		ASE	
Sulfate   X   Copper   X   Phenole   32730   X   Sulfate   X   01042   X   32730   X   Sulfate   X   01045   X   01046   X   38260   D   D   D   D   D   D   D   D   D			x						x			-	
Sulfate				x	01034				x		•	100	
00740	00946		x		Copper 01042				x	32730			ید
00740				x				x		36260		) 196	
71870 X 00927 X 74053	00740			x					х	74052	lydrocarbons	Ň.	
				x				x		74053			
Chloride Manganese X Fecal Streptococci Bacteria 00940 X 01056 X 74054			x					x		74054			
Cyanide 00720         Mercury X         Coliform Bacteria X         74056				x					x		leria		
Fluoride Malybdenum X 01062 X				x		<b>,</b>							

0000 444 84	ANT PROCESS AND DISCHAR	GF SCRIPTION
SEC VIII. PL		
1. Discharge described below is b. Proposed new or changed	Implementation schedule (Office	s use only)
Name of corporate boundaries within which the point of State	discharge is located. County	City or Town 001
a New Jersey	4. Morris	s. <u>Millington</u>
State the precise location of the point of discharge.	9. Name of waterway	at the point of discharge.
7. Latitude <u>4</u> <u>0</u> Degrees; <u>4</u> <u>0</u> Min; <u>1</u>	8 Sec. Passaic Ri	iver
8. Longitude 7 4. Degrees; 4 _ 1 Min; 3_		
10. Has application for water quality cartification or dea		
Date	Check if certificate is attached to form	Name Issuing Agency
mo day yr	OF LETTER TO THE ST	
11. Narrative description of activity (include terms of get		
Asbestos cement plant m process and autoclave cu		ement shingle using cylinder wet
		unding resin and prepolymer and
forming on a forming cor	iveyor.	
<del> </del>		
		·
12. Standard industrial classification number.	13. Principal product.	14. Amount of principal product produced per day.
SIC 3292	A sbestos Ceme	240,000 lbs.
	Shingle Polyurgthand B	locks 80,000 Board Feet
<del></del>	Polydigitalid B	Foam
15. Principal raw material.	16. Amount of principal raw materia	<del></del>
NOT ADDITIONDI F	consumed per day.	DI E
NOT APPLICABLE	NOT APPLICA	NOT APPLICABLE
18. Average gallons per batch discharge. 19. D	ate discharge began.	20. Date discharge will begin.
NOT APPLICABLE		NOT APPLICABLE day vr
21. Describe waste abatement practices.		
Plant water is operated o	n a reguela system with	current revisions being taken to
		ent is discharged to a series of
		. The overflow from the marsh
		-off into the receiving stream.
The foam operation is co	mpletely closed water ci	rcuit.
ESEPAR, ESEGRE, EMI PSEDIM, BANERO, SCA		C. RECOVE, RDOWNG, RECYCL A. WDISCH, WOTHER
1		

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If structures exist, or dredging, filling precise location of the activity must be		•	•	2	000 570
Name the corporate boundaries within	n which the structures swist		SDOXW	2	000 71 0
activity will occur.			_		
State 16. <u>New Jersey</u>	Count 17. Mort	is 18.	City or Town Millington		
. Name of waterway at the location of	the activity				
Passaic Rive	er				
Maps and sketches which show the lo and non-structural points of discharge			luding any and all	outfall device	s, dispersive devices,
For construction or work in navigable     fully shown on detailed plans to be a     tion (Section II of this form) has bee	e waters for which a separate ubmitted with this applicati	e permit is sought under 3	33 U.S.C. 403, the those structures fo	character of e	each structure must be ate discharge informa
2. List all approvals or denials granted b described in this application.		or local agencies for any s	tructures, construc	tion, discharg	es or deposits
Type of docu	ment Id. No.	. Date	ism	uing Agency	
	NC	ONE		•	
	110	,,,,,			
					<del> </del>
3. Check if facility existed or was lawful	ly under construction prior	to April 3, 1970.	X		
4. If dredging or filling will occur:					
State the type of materials involved, t	heir volume in cubic yards,	and the proposed method	of measurement.		
1	NC	T APPLICABLE			
<ul> <li>Describe the proposed method of instead determine its offect upon the waterwa</li> </ul>	rumentation which will be	used to measure the volum	ne of any solids wh	nich may be d	eposited and to
	•••				
	NC	NE			
	110				ט מ
					Č
. State rates and periods of deposition d	lescribed in Item 25.		•	<del></del>	
			-		2
					0
	***	T A DDI ICADI E			960

ENG FORM 4345

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-

5. Date <u>JUL 17 71</u> me day yr		(Office us /) 250 OXW	2 000 5	70
6. Check type of application:  a. Original b. Re	evision 🔯	7. Number of original ap 25D OXW 2 00		
8. Name of facility where discharge or construction will occur.	d Decilding De			
Gold Bond Millington	i Building Pr	oducts		
Williagton	<u> </u>			
			<u>.</u>	
9. Full mailing address of facility named in itsm 8 above.	ma D. Daille			
Mr. Geor Plant Mar	ge P. Reilly		······	
		oducts		
50 Divisio	n Street			
Millington	. New Jerse	ey 07946	<del></del>	
10. Names and mailing addresses of all adjoining property owners	•			
			Water Company	
150 Split Rock Road Svosset, New Jersey 07946		233 Canoe Brown Short Hill, New		
Synsser, New Jersey 07340		Short Hill, Nev	v Jersey 07946	
11. Check to indicate the nature of the proposed activity:	<del></del>		<del></del>	
a. Dredging b. Construction	e. Construction w	vith Discharge	b. Discharge only	x.
12. If activity is temporary in nature, estimate its duration in mon	ehs. Not A	pplicable	•	
If application is for a discharge:		<del></del>		
13. List intake sources				
	Estimated	l Volume in Million		
Source	Gallons P	er day or Fraction Thereof		
Municipal or private water supply system				
Surface water body				
Ground water Other		:		
14. Describe water usage within the plant				
14. Describe water dange within the prant	E. at	l Volume in Million		
Туре		Per day or Fraction		
Cooling water		Thereof 0 7	Cooling Water	
Boiler Feed water		$\frac{0}{1}$ $\frac{0}{0}$ $\frac{7}{2}$	Recycled for	
Process water		$-\frac{0}{0} \frac{8}{1}$	•	
Sanitary system* Other			Process	
15. List volume of discharges or losses other than into navigable wa				8SV
Туре		l Volume in Million Per day or Fraction		Œ
Municipal waste treatment system		Thereof 0 1		001
Surface containment		$\frac{}{}$		01
Underground disposal				
Waste Acceptance firms Evaporation	<del></del>	<u> </u>		Ö
Consumption		二二立立		0462
	100			Ŭ
<ul> <li>Indicate number employees served per day</li> </ul>	120	<del></del>		

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Page 2 of 3

•			1	PART B						
	<u>-</u>				(Office use only	)				
					ن ت ي	) J 1M	2	00	ð 5	7 Č
				L		<del> </del>		go Seri		
								001	<u> </u>	
B-2.	CHEMICAL	PARAMET	ERS OF IN	ITAKE W	ATER AND	DISCHARGE	(See Tabl	e B-2)		
Intake					Discharge					
PARAMETER TRO INTARE IN	TEO INTAKE MA	A CORCENTA	AN COMMON TO SERVICE STATE OF THE PARTY OF T	OAII, OAA, OA, OA, OA, OA, OA, OA, OA, OA, O	A LO. CONCENTA	G. POLINGS P.F.	1 6	STINUOU STANAI		
TAKE TO SE	TEN TIME		28 789	4	16 12	or ex	LANGE PROPERTY OF THE CO.	74		
SW.	MA	COM	100g	"OUR"	, COR	OLAR 18		9. <sup>Q</sup>	3/4	
1454	1 To May	CANA	1,696.4	1 34	A LEANA	1 13 A.	14/8	Par To	100	'à.
	Trea .	E 13	to A	CAL	OAT .	TO.	047	13,	120,	1/4
PARAMETER AND CODE	(1)	(2)	(20)	(4)	(5)	16)	(7)	(8)	(9)	(10)
	<del>\                                    </del>		<del></del>	<del>  ``</del>	<del>  '''</del>	<del>                                     </del>		+	···	<del>                                     </del>
ACIDITY (as CaCO <sub>3</sub> ) 00436										
TOTAL ORGANIC CARBON (T.O.C.) 00580										
TOTAL HARDNESS	71		775	4.84	581	76	44	A	0	s
NITRITE (as N) 00615	A		0.2	A	A	0.1	A	A	0	s
ORGANIC NITROGEN 00605	0.7		0.8	0.01	1	0.7	A	A	0	S
PHOSPHORUS-ORTHO (as P) 70507										
SULFATE 00945	0.1		0.5	A	A	0.4	A	A	0	s
SULFIDE 00745	A		A	A	A	A SS	A	A	0	s
SULFITE 00740						001				
BROMIDE 71870						0966				

Page

11 Lemente Com Charle Just C. PART B (Office use only) 2 000 570' 25 D O XW Discharge Serial No. 001 CHEMICAL PARAMETERS OF INTAKE WATER AND DISCHARGE (See Table 8-2) B-2. (cont.) Discharge Intake OAIL VAVO. CONCENTRATION NASING BOUNDS OF STREET NAXIMINA POUNDS PER DAY AVERAGE POUNDS PER DAY UNTREATED INTAKE WATER NAXIMINA CONCENTRATION CONTINUOUS MONITORING TREATED INTAKE WATER NETROOOR SNAIVED SAMPLE FREQUENCY SARRIE TARE PARAMETER (7) (8) (10) (2) (6) (9) AND CODE (1) (3) (5) (4) CHLORIDE S 13 30 0.19 23 13 8 0 00940 Α CYANIDE 00720 FLUORIDE 00951 ALUMINUM-TOTAL 600 600 O S Α Α Α Α A 01105 ANTIMONY-TOTAL 01097 ARSENIC-TOTAL 01002 BARIUM-TOTAL 01007 BERYLLIUM-TOTAL 01012 BORON-TOTAL 01022 CADMIUM-TOTAL 01027

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12 200 12 120 0400 23:15 PART B (Office use only) \_ 1 B 3 X V Discharge Serial No. 001 CHEMICAL PARAMETERS OF INTAKE WATER AND DISCHARGE (See Table B-2) B-2. (cont.) Discharge Intake OAIL VAVO. CONCENTRATION \*\*ARRAMA POUNDS PER DAY UNTREATED INTAKE WATER TVERAGE TOUNGS PER DAY ARASIMON POR PROPERTY OF STREET NAX INIM CONCENTRATION CONTINUOUS MONITORING TREATED INTAKE WATER WE THOO OF ANALYSIS EMPLE FREQUENCY SAMPLE TAPE PARAMETER (8) (9) (10) (2) (3) (4) (6) (7) AND CODE (1) (5) CALCIUM-TOTAL 00916 20.0 310.0 1.93 232 21.0 12 Α O S CHROMIUM-TOTAL 01034 Α 50 0.32 38 Α Α A 0 S COBALT-TOTAL 01037 COPPER-TOTAL 01042 IRON-TOTAL 600 Α Α 400 Α A S Α 0 A 01045 LEAD-TOTAL 01051 MAGNESIUM-TOTAL 00927 5 6 0.04 5 6 3 0 A S A MANGANESE-TOTAL Α A A 01055 Α A Α Α O S A MERCURY-TOTAL 71900 T00 854 MOLYBDENUM-TOTAL 8960 01062

				PART B		<del>)</del>					
					Office use only	<u>, , , , , , , , , , , , , , , , , , , </u>				-	_
				L			Discha	rge Seri	al No.		
B-2. (cont.)	CHEMIC	AL PARAM	ETERS OF	INTAKE	NATER AND	DISCHAR	GE (See T	able B	-2)		
Intake					Discharge						
UNIARA TO INTAKE	ATEO INTAKE NA	MA CONCENTRAL	ALAN COLING TO LONG TO STATE OF THE PARTY OF	CAIL S PAR CUNOS PAR	AVG CONCENTA	SC POUNOS PER	SARAPITA CO	WINJOG ANALYSING &			
Wrake	NATES NA	TEA RAINA	TO PROPERTY.	A OA L OS PE	A DAY NEENTA	A TION NOS PER	SAMPLE TROOP	ENCA	MON YSIS	TORING	<u> </u>
PARAMETER AND CODE	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
NICKEL-TOTAL 01067											
POTASSIUM-TOTAL 00937											
SELENIUM-TOTAL 01147											
SILVER-TOTAL 01077											
SODIUM-TOTAL 00929	10		40	0,25	30	34	20	A	0	s	A
THALLIUM-TOTAL 01059											
TIN-TOTAL 01102										ASB	Γ
TITANIUM-TOTAL 01152										001	_
ZINC-TOTAL 01092										0969	_
OIL AND GREASE 00550	A	A	A	A	A	A	A	A	0	s	A

<u> </u>				PART B							
				(0	Office use only)	S > 0 X	•/	7		0 5	-
								irge Seri			
							Unsch	001	# 140.		
B-2. (cont.)	CHEMICA	L PARAME	TERS OF I	NTAKE WA	ATER AND	DISCHARG	E (See Ta	ble 8-	2)		
Intake					Discharge						
CNTREATED INTAKE NA	MAXIMI TEO INTAXE MA	M CONCENTRA	ALL PARTIES OF THE PA	OAIL V. AN POUNOS REA	NO. CONCENTRA	S. POUNOS PER	MARIE FRE OF	OF ANALUENCY	's MONING'S IS	TORING	<u> </u>
PARAMETER AND CODE	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	Т
PHENOLS 32730	A		100	A	A	95	A	A	0	s	A
SURFACTANTS 38260											
ALGICIDES* 74051											
CHLORINATED HYDRO- CARBONS® (EXCEPT PESTICIDES) 74052		•	·								
PESTICIDES* 74053											
							• • •				
							., .			ASB	} •
								╁		- 5	)
										0,60	) )

			PART B				
	· · · · · · · · · · · · · · · · · · ·	····	(6	Office use only)			
				<u> </u>			- :
						Discharge Serial	No.
B-3. RADIOA	CTIVE PARAM	ETERS OF	NTAKE WAT	ER AND DISC	HARGE (S	See Table 8-3)	
intake				Discharge	·		
\ \ '	\ \	`			\ %	ATMUOUS MONITOR	
NINTAKENTED	AVIARAJED AVIARE WATER	PAGE IDAILY	RAN INDONES AND	PERA TRIBUNA	E FREQUENC	TIMUO!	
THE WATER	WENTED !	OF IDAL	TINO M	TINGER	"AFQUE	"S MON!	
TEA.	184	13	. (44)	EAR	1.4	Y TOR	Wo \
PARAMETER	$\overline{}$	$\overline{}$					
AND CODE	(1)	(2)	(3)	(4)	(5)	(6)	(
ALPHA-TOTAL 01501							
LPHA COUNTING RROR 1502							
ETA-TOTAL 3501				$\times$			
ETA COUNTING RROR 3502							
AMMA-TOTAL 5501				$\times$			
AMMA COUNTING RROR 5502							
RITIUM-TOTAL 7000				X			
RITIUM COUNTING RROR 7001							
					, , , , , , , , , , , , , , , , , , ,		
	7						
						· ·	
4. REMARKS	<u> </u>		<u></u>	<u> </u>			

Parameter and (Cude)	(1) 20,000		Discharge  ALERAGE IDAN	O R A A A A A A A A A A A A A A A A A A	Office 25	D	o x	(W	Discharge Serie	al No.	
Parameter and 'Code'  Flow (Gallons per day) 00056  pH 00400  Temperature (Winter) ( F) 74028  Temperature (Summer) ( F) 74027  23.	(1)			_					Discharge Seri	al No.	
Parameter and 'Code)  Flow Gallons per day) 120056  PH 100400  Temperature Winter! ( F) 14028  Temperature Summer) ( F) 14027  PARAMETER  Color	(1)			_	O. F. A. T.	INUN CAR	\	TA SAMPLE	001		
Parameter and 'Code)  Flow (Gallons per day) 00056  pH 00400  Temperature (Winter) ( F) 74028  Temperature (Summer) ( F) 74027  23.	(1)			_	OR ARTIN	INC. TE	\	TA SAMALE			
Parameter and 'Code)  Flow (Gallons per day) 00056  pH 00400  Temperature (Winter) ( F) 74028  Temperature (Summer) ( F) 74027  23.	(1)			_	•		<b>)</b> _	L. Cr	ONI	<u>'Ya</u> `	\
(Gallons per day) 00056  pH 00400  Temperature (Winter) ( F) 74028  Temperature (Summer) ( F) 74027  23.  PARAMETER	20,000			(3)	(4)	\	<b>3</b>	(5)	(6)	ار ان	7)
Temperature (Winter) ( F) 74028  Temperature (Summer) ( F) 74027  23.  PARAMETER	7			70,000	50,00	00		90,000	OTHR	A	BS
(Winter) ( F) 74028  Temperature (Summer) ( F) 74027  23.  PARAMETER	V			1025	7.	, 0		11.0	OTHR	A	BS
(Summer) ( F) 74027  23.  PARAMETER  Color	400			55 <sup>0</sup>	35	5 <sup>0</sup> . \	,	60°	OTHR	A	BS
PARAMETER	75 <sup>0</sup>			700		0°.	1:	80°	OTHR	Al	BS
Color			DI	SCHARGE COM	VTENTS -	<u> </u>		7 7	<i>[]</i>		
	PRESENT	ABSENT	P.	ARAMETER	1000	PRESENT	ABSENT		ARAMETER		PRESENT
		x	Aluminum 01105	<u> </u>	<del></del>	x	+	Nickel 01067			$\vdash$
Turbidity 00070			Antimony	<del></del>				Selenium 01147			$\dagger$
Radioactivity 74050		X	01097 Arsenic 01002			-	X X	Silver 01077			${\dagger}$
Hardness	7.	^	Beryllium			$\neg \vdash$	7	Potassium 00937			+
00900 Solids	X		01012 Barium				X	Sodium			+
00500 Ammonia	X		01007 Boron				X	Titanium			<u>  X</u>
00610 Organic Nitrogen	X	$\rightarrow$	01022 Cadmium				X	01152 Tin	<del> </del>		┼-
00605 Nitrate	X		01027 Calcium			_	X	01102 Zine			$\vdash$
00620	X	$\dashv$	00916		X	<u>-</u>	$\perp$	01092 Algicides			<del> </del>
Nitrite 006 15	x	_	Cobalt 01037				x L	74051			L
Phosphorus 00665		X	Chromium 01034			;	x	Oil and Grease 00550	<u> </u>	_	<b>'</b> _
Sulfate 00945	x		Copper 01042				x	Phenois 32730		S	X
Sulfide 00745		x	Iron 01045		x		$\Box$	Surfactants 38260		- m	_
Sulfite 00740		X	Lead			$\neg$	x	Chlorinated H 74052	ydrocarbons	8	_
Bromide 71870		X	Magnesium		х	-11	*	Pesticides 74053		- =	_
Chloride	-   -	ightharpoonup	Manganese		x x	$\neg \vdash$	+		cocci Bacteria	- 03	-
00940 Cyanide	X		01056 Mercury				_	Coliform Bact	eria	0972	_
00720 Fluoride		X	71900 Molybdenur			$\neg$	X X	74056	<del></del>	-	_

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#### PART A

(Note: Submission of Part A is required of all applicants whose processes are listed on page 3 above.)

(Office use only) FEB 1 2 1974

250 0xw 2 000570

Discharge Serial No.

## INFORMATION REQUIRED OF SPECIFIED INDUSTRIES

	·	INFORM	ATION R	EQUIRED	OF SPE	CIFIED II	VOUSTR	IES .			
Intake					Di	scharge					
PARAMETER AND CODE  ALKALINITY (as Ca CO <sub>3</sub> )	MAXIMUM CO CENTRATION WATER	MAXIMINA PER PROPERTY OF THE P	ACUNOS ALA CON (3)	CONCER, ON COMOS	AVERIO PER PROPERTIES	ACK POUNOS	SAMOLE	TREQUENCY	THOO NON!	PINUOUS OR NO	
PARAMETER AND CODE	Maren Ton	17E 9	34 (3)	047	(5)	(6)	(7)	(8)	(9)	(10)	(11)
ALKALINITY (as Ca CO <sub>3</sub> ) 00410	54		549	.3	36	58	27	AVER	отня	STD METH	ABS
8.O.D. 5-DAY 00310	14		1.4	.07	.9	A	A	AVER	отня	STD METH	ABS
CHEMICAL OXYGEN DEMAND (C.O.D.)	30		30	.05	6.2	10	4.6	AVER	отня	STD METH	ABS
TOTAL SOLIDS 00500	15		204	.018	13	21	9 6	AVER	отня	STD METH	ABS
TOTAL DISSOLVED SOLIOS 70300	15		164	.104	12.5	20	9.1	AVER	отня	STD METH	ABS
TOTAL SUSPENDED SOLIDS 00530	A		40	-	.06	.1	.05	AVER	отнг	STD METH	ABS
TOTAL VOLATILE SOLIDS 00505	A		40	-	.06	1	.05	AVER	отне	STD METH	ABS
AMMONIA (as N) 00610	2.0		3.0	-	. 12	. 20	-09	AVER	отне	STD METH	ABS
KJELDAHL NITROGEN 00625	. 70		4.0	-	2.18	3.5	1.6	AVER	отн	STD METH	ABS
NITRATE (as N) 00620	2.25		3.0	-	1.4	2.29	1	AVER	отн		ABS
PHOSPHORUS TOTAL (as P) 00665	1.10		1.1	-	.5	A	A	AVER	OTHR	STD METH	ABS

100	11	known hazardous or pote y hazardous substances in	vour el	ant been :	rvents ?	
	ा चन्द्र था।		, ,			١.
	l	X Yes No			25 D O X W 2 000	1 2 1
24b.	If yes, h	have steps been taken to insure that there exists no possib	ulity of a	ny such k	nown hazardous or potentially hazardous substance	enterir
	1					
ļ	<u> </u>	X Yes No				
A. I	Remarks					
	OTI	HR - Grab samples taken for the purp	ose of	this a	pplication	
The	informatio	on above completes the basic reporting requirements white	ch are re	quired of	all applicants. Those applicants whose discharge resu	ults from
an a	-	luded within any of the Standard Industrial Classification	Code (S	IC Code)	categories listed below must complete Part A of this	form a
		CRITICAL IN	DUSTF	HAL GR	OUPS	
SIC	098	FISH HATCHERIES, FARMS, AND PRESERVES	SIC	285	PAINTS, VARNISHES, LACQUERS, ENAMELS, ALLIED PRODUCTS	ONA.
SIC	10-14	DIVISION 8 - MINING	SIC	2871	FERTILIZERS	
SIC	201	MEAT PRODUCTS	SIC	2879	AGRICULTURAL PESTICIDES, AND OTHER A	GRI-
SIC	202	DAIRY PRODUCTS			CULTURAL CHEMICALS, NOT ELSEWHERE CLASSIFIED	
SIC	203	CANNED PRESERVED FRUITS, VEGETABLES (EXCEPT SEAFOODS, SIC 2031 AND 2036)	SIC	2891	ADHESIVES AND GELATIN	
SIC	2031.	CANNED AND CURED FISH AND SEAFOODS;	SIC	2892	EXPLOSIVES	
	2036	FRESH OR FROZEN PACKAGED FISH AND SEAFOODS	SIC	29	PETROLEUM REFINING AND RELATED INDU	ISTRIE
SIC	204	GRAIN MILL PRODUCTS	SIC	3011, 3069	TIRES AND INNER TUBES, FABRICATED RUE	BER
SIC	206	SUGAR	SIC	3079	MISCELLANEOUS PLASTICS PRODUCTS	
SIC	207	CONFECTIONARY AND RELATED PRODUCTS	SIC	311	LEATHER TANNING AND FINISHING	
SIC	208	BEVERAGES	SIC	32	STONE, CLAY, GLASS, AND CONCRETE PROD	DUCTS
SIC	209	MISCELLANEOUS FOOD PREPARATIONS AND KINDRED PRODUCTS	SIC	331	BLAST FURNACES, STEEL WORKS, AND ROL	LING
SIC	22	TEXTILE MILL PRODUCTS	SIC	332	AND FINISHING MILLS	
SIC	23	APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR	SIC	333.	PRIMARY SMELTING AND REFINING OF NO	<b>u</b> -
		MATERIALS	5.0	334	FERROUS METALS: SECONDARY SMELTING REFINING OF NONFERROUS METALS	AND
SIC	242	SAWMILLS AND PLANING MILLS	SIC	336	NONFERROUS FOUNDRIES	
SIC	2432	VENEER AND PLYWOOD	SIC	347	COATING, ENGRAVING, AND ALLIED SERVI	CES
SIC	2491	WOOD PRESERVING	SIC	35	MACHINERY; EXCEPT ELECTRICAL	
SIC	26	PAPER AND ALLIED PRODUCTS	SIC	36	ELECTRICAL MACHINERY, EQUIPMENT, AND	)
SIC	281	INDUSTRIAL INORGANIC AND ORGANIC CHEMICALS (EXCEPT SIC 2818)	SIC	37	TRANSPORTATION EQUIPMENT (EXCEPT SH	IP >
SIC	2818	INDUSTRIAL ORGANIC CHEMICALS	310	3,	BUILDING AND REPAIRING, SIC 3731)	SB
SIC	282	PLASTICS MATERIALS AND SYNTHETIC RESINS, SYNTHETIC RUBBER, SYNTHETIC	SIC	3731	SHIP BUILDING AND REPAIRING	0
		AND OTHER MAN-MADE FIBERS, EXCEPT GLASS	SIC	491	ELECTRIC COMPANIES AND SYSTEMS	100
SIC	283	DRUGS	SIC	493	COMBINATION COMPANIES AND SYSTEMS	_
SIC	284	SOAP, DETERGENTS, AND CLEANING PREP-				0974
		ARATIONS, PERFUMES, COSMETICS, AND OTHER TOILET PREPARATIONS				4

- SILVEY

PART A (Office use only) (Note: Submission of Part A is required of all applicants whose processes are listed C'005 77 ٠. د 250 6X T on page 3 above.) Discharge Serial No. 001 INFORMATION REQUIRED OF SPECIFIED INDUSTRIES Discharge WAXIMUM CONCENTRATION (3) MAXIMADOUNDS PER PROCESS UNIT ON 141 TREATEON TAKE WATER CONCENTRA TION SAMPLE FREDLENCY AND A POUNOS AVERAGE POUNOS OF METHOD
ANALYSIS MONITALIOUS PONTINGOUS SAMALE TYPE ( 17) (5) (6) STD 549 69 54 AVER OTHR METHOD A B.O.D. 5-DAY 00310 Α 14 AVER DTHR Al CHEMICAL OXYGEN DEMAND (C.O.D.) 30 10 1 AVER DTHR A: 00340 TOTAL SOLIDS 204 3 A AVER OTHR 00500 15 TOTAL DISSOLVED SOLIDS 164 21 AVER OTHR \*\* 70300 15 TOTAL SUSPENDED SOLIDS 40 5 0 AVER OTHR A 00530 TOTAL VOLATILE 5 SOLIDS 40 A \*\* 00505 AVER OTHR A AMMONIA (as N) 0.20 2.00 A AVER 71 00610 OTHR KJELDAHL NITROGEN 3.50 1 ASB 00625 0.70 AVER OTHR 100 NITRATE (as N) 2.29 1 2.25 00620 AVER OTHR 0975 PHOSPHORUS TOTAL (as P) 1.10 A A 00665 OTHR AVER

144	ાજાહાના	known hazardous or potentially hazardous substances in	your pi	lant been i	nventoried?	
		X Yes No			25 5 G X 1 2 0005	70
2 <b>4</b> b.	If yes, h this disc	ave steps been taken to insure that there exists no possib harge?	ility of	any such k	nown hazerdous or potentially hazardous substan	ce enter
		X Yes No				
25. F	Remarks					
	C	THR - Grab samples taken for application	the	e pur	pose of this report and	
	tivity incl	on above completes the basic reporting requirements which uded within any of the Standard Industrial Classification				
		CRITICAL IN	DUSTF	RIAL GR	OUPS	
SIC	098	FISH HATCHERIES, FARMS, AND PRESERVES	SIC	285	PAINTS, VARNISHES, LACQUERS, FNAME	LS, AND
SIC	10-14	DIVISION B - MINING	SIC	2871	FERTILIZERS 7	
SIC	201	MEAT PRODUCTS	SIC	2975	AGRICULTURAL PESTICIDES, AND OTHER	I AGRI-
SIC	202	DAIRY PRODUCTS		1	CULTURAL CHEMICALS, NOT ELSEWHERE	
SIC	203	CANNED PRESERVED FRUITS, VEGETABLES (EXCEPT SEAFOODS, SIC 2031 AND 2036)	SIC	2891	ADHESIVES AND GELATIN	
SIC	2031, 2036	CANNED AND CURED FISH AND SEA FOODS;	SIC	2092	EXPLOSIVES	
SIC	204	SEAFOODS GRAIN MILL PRODUCTS	SIC-	29 3011,	PETROLEUM REFINING AND RELATED IN	
SIC	206	SUGAR TO	•	3069	PRODUCTS, NOT ELSEWHERE CLASSIFIED	
SIC	207	CONFECTIONARY AND RELATED PRODUCTS	SIC	3079	MISCELLANEOUS PLASTICS PRODUCTS	
SIC	208	BEVERAGES	SIC	311	LEATHER TANNING AND FINISHING	
SIC	209	MISCELLANEOUS FOOD PREPARATIONS AND	SIC	32	STONE, CLAY, GLASS, AND CONCRETE PRO	DOUCTS
SIC	22	KINDRED PRODUCTS TEXTHE MILL PRODUCTS	SIC	331	BLAST FURNACES, STEEL WORKS, AND RO AND FINISHING MILLS	)LLING
_			SIC	332	IRON AND STEEL FOUNDRIES	
SIC	23	APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS	SIC	333, 334	PRIMARY SMELTING AND REFINING OF NI FERROUS METALS: SECONDARY SMELTIN REFINING OF NONFERROUS METALS	CN- G AND
SIC	242	SAWMILLS AND PLANING MILLS	SIC	336	NONFERROUS FOUNDRIES	
SIC	2432	VENEER AND PLYWOOD	SIC	347	COATING, ENGRAVING, AND ALLIED SERV	VICES
SIC	2491	WOOD PRESERVING		-		,,,,,,
SIC	26	PAPER AND ALLIED PRODUCTS	SIC	35 ~	MACHINERY, EXCEPT ELECTRICAL  ELECTRICAL MACHINERY, EQUIPMENT, A	ND
SIC	281	INDUSTRIAL INORGANIC AND ORGANIC CHEMICALS (EXCEPT SIC 2818)	SIC	36	SUPPLIES	
SIC	2618	INDUSTRIAL ORGANIC CHEMICALS	SIC	37	TRANSPORTATION EQUIPMENT (EXCEPT S BUILDING AND REPAIRING, SIC 3731)	HIP Y
SIC	282	PLASTICS MATERIALS AND SYNTHETIC RESINS, SYNTHETIC RUBBER, SYNTHETIC	SIC	3731	SHIP BUILDING AND REPAIRING	
		AND OTHER MAN-MADE FIBERS, EXCEPT GLASS	SIC	491	ELECTRIC COMPANIES AND SYSTEMS	5
210	202	Delice	SIC	493	COMBINATION COMPANIES AND SYSTEMS	F

284

SIC

SOAP, DETERGENTS, AND CLEANING PREPARATIONS, PERFUMES, COSMETICS, AND OTHER TOILET PREPARATIONS

); ————————————————————————————————————	PHYSIC	AL	DESCRIPTION OF INTAI							
Intake			Discharge	6	Hice	ر ع د ع	ty) C % 4	2	C 0 0 5	7
II, CA, TA, CA, CA, CA, CA, CA, CA, CA, CA, CA, C	TAL PLEON IN	\	ALERACE DRILLA CORPARIALE AND ASSESSED AND ASSESSED ASSESSEDAD ASSESSED ASS	O. Carre	AN TIME	JAN ENS		Oischarge Se 001		
Parameter nd (Code) (1		<del>}</del>	(2) (3)	(4)		Ž	(5)	(6)		( <b>7</b> )
low Gallons per day) 0056		2	0000 45000				37	OTHR	ABS	S
H 0400		7	.0 (1.9)		ر سر سر	1	ا	OTHR	ABS	<b>S</b>
emperature Ninter) (°F) 4028			TEMPERATURES	ARE	œι	NSI	DERED AMB	I ENT		
emperature Summer) (°F) 4027										
3.			JISCHARGE CO	NTENT	S					
PARAMETER	PRESENT	ABSENT	PARAMETER		PRESENT	ABSENT	PAR	AMETER		PRESENT
0080		X	Aluminum 01105		X		Nickel 01067			
urbidity 0070		Λ	Antimony 01097			X	Selenium 01147			
adioactivity 4050		X	Arsenic 01002			X	Silver 01077	·		
ardness 0900	X		Beryllium 01012			Х	Potassium 00937			!
olids 0500	Х		Barium 01007			X	Sodium 00929			X
mmonia 0610	Х		Boron 01022			X	Titanium 01152			
rganic Nitrogen 0605	Х	]	Cadmium 01027			X	Tin 01102			į
itrate 0620	X		Calcium 00916		X		Zine 01092			<u> </u>
itrite 0615	Х		Cobalt 01037			X	Algicides 74051			
hosphorus 0665		X	Chromium 01034			X	Oil and Grease 00550		- - >	_
ulfate 0945	Х		Copper 01042			X	Phenois 32730		- 8S/	_
ulfide 0745		X	tron 01045		Х		Surfactants 38260		- a	_
ulfite 0740		X	Lead 01051			X	Chlorinated Hyd 74052	irocarbons	001	_
romide 1870		X	Magnesium 00927		Х		Pesticides 74053		- 0	
hloride 0940	Х		Manganese 01055		X		Fecal Streptococ 74054		0977	_
			Y Mercury			lv	Coliform Bacteri		- 7	
yanide 10720	1	X	71900		L	X	74056		_	_

SECTION II. PLA	NT PROCESS AND DISCH	ARGE DESCRIPTION	
a. Present B. Proposed new or changed	Implementation schedule	Office use conty)	2 0005 70
Name of corporate boundaries within which the point of State	discharge is located.  County	City or	6. Discharge Serial No.
Now Towsou	_ Morris	Town	illington
1 New Jersey	4. MOPPIS	5. <u></u>	1111ngcon
State the precise location of the point of discharge.		rway at the point of dischar	<b>p</b> .
7. Latitude 4 Degrees 4 Min; 1	)	Passaic Ri	ver
8. Longitude 34 Degrees; 41 _ Min; 33	<u>``</u> . \$ec.		
10. Has application for water quality certification or described and the second	·	•	
Osm See attached copy o	Check if cortificate	Name Issuing Age 1994 to the St	
	I lecter or redu	lear to the pr	
mo day yr  11. Narrative description of activity (include terms of gen	eral 4-digit Standard Industrial (	Classification, and specific m	nanufacturing process).
_Asbestos Cement p	\ '.\		
using cylinder we Rigid Urethane fo	t process and av	toclave cure.	ading login
Rigid Urethane 10	d forming on a f	forming convey	or.
	·/		
	<del>'</del>		
12. Standard industrial classification number:	13. Principal product.	14 Amous	t of principal product produced
(SIC 3292)	Asbestos (		40,000 lbs.
510 0202	Shingle		
	Polyurethan	d Blocks 8	0,000 Board feet
15. Principal raw material,	16. Amount of principal raw m	aterial 17. Number	of batch discharges per day
·	consumed per day.		?
			<u>_</u>
			· 6
18. Average gallons per batch discharge. 19. Da	te discharge began,	20. Date dischar	ge will begin.
		4 2	c
	mo day	71	mo day
21. Describe waste abatement practices,			(
Plant water is ope	erated on a recy	cle system wi	th current
revisions being recycle effluent			
where it overflow			
discharges by gra	vity along with	storm water r	un-off into the
receiving stream. water circuit.	The foam operat	ion is a comp	letely closed
ESEPAR, ESEGRE, EME	RGE, DDOWNG, DHYSI	C, RECOVE, RDOW	NG, RECYCL,
PSEDIM, BANERO, SLA	GOO, TEVAPO, WSURE	A, WDISCH, WOTH	ER.
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scienty will occur.  16. New Jersey 17. Coughy Morris 18. City of Topics 18. City of Topics 18. City of Topics 19. Passaic River 19. Passaic River 19. 20. Maps and sketches which show the location and character of each structure or activity, including any and all outfall devices, dispersive device, and non-structural points of discharge, must be attached to this application.  21. For construction or work in longishis waters for which a separate permit is sought under 23 U.S.C. 403. the character of each structure must life the special before the separate discharge info tion (Section II of this (point) last been submitted with this application. Note on the drawings those structures for which separate discharge info tion (Section II of this (point) last been submitted with this application.  22. List all approads or denuising anxied by Federal, interstate, State or local agencies for any structures, construction, discharges or deposits described in this application.  Type of document  16. No. Date  23. Check if facility existed or was lawfully under, constitution prior to April 3, 1970.  24.    divertigating or filling will occur:  State the type of materials involved, their volume in cubic yards, and the proposed method of measurement.	If structures exist, or dredging, filling o precise location of the activity must be	or other construction will occur, the described.	(Office use only).	2	223 70
b. Name of waterway at the location of the activity  Passaic River  19.  20. Maps and stacthes which show the location and character of each structure or activity, including any and all outfall devices, dispersive devices and non-tractural points of discharge, must be attached to this application.  21. For construction or work in navigable waters for which a separate permit is sought under 33 U.S.C. 403, the character of each structure must failly shown on detailed plans to be submitted with this application. Note on the drawings those structures for which separate permit is described in this specification of the construction of short or the drawings those structures for which separate permit is described in this specification. Note on the drawings those structures for which separate discharge information (Section 11 of the (term) has been administrated.  22. List all approvals or density granted by Federal, internates, State or local agencies for any structures, construction, discharges or described in this application.  Type of document  1d. No.  Date  1ssuing Agency  2state the type of materials invalved, their volume in outsit yards, and the proposed method of measurement.		which the structures exist or the	L		
Passaic River  19.  20. Maps and sketches which show the location and character of each structure or activity, including any and all outfall devices, dispersive device and non-structural points of discharge, must be attached to this application.  11. For construction or work in enaugable waters for which a sparrer permit is lought under 33 U.S.C. 403, the character of each structure must find the structure of the structure of the sparrer of the sparrer permit is lought under 33 U.S.C. 403, the character of each structure must find it is constructed in 15 this (construction). Section II of this (corn in his been submitted.  22. List all approvals or denals granted by Federal, interstate, State or local agencies for any structures, construction, discharges or deposits described in this application.  Type of document  1d. No.  Date  1ssuing Agency  23. Check if facility existed or was lawfully under construction prior to April 3, 1970.  24. if dredging or filling will occur:  State the type of materials involved, their volume in outsit yards, and the proposed method of measurement.		17. County Morris	City of Town	gton	
20. Maps and sketches which show the location and character of each structure or activity, including any and all outfall devices, dispersive device and non-structural points of discharge, must be attached to this application.  21. For construction or work in navigable waters for which separate permit is sought under 33 U.S.C. 403, the character of each structure must fully shown on detailed plant to be submitted.  22. Lost all approvals or denaits granted by Pederal, interstats, State or local agencies for any structures, construction, discharges or deposits described in this application.  Type of document  1d. No.  Date  1studing Agency  23. Check if facility existed or was lawfully under comstruction prior to April 3, 1970.  24. If dredging or filling will occur:  State the type of materials invalved, their volume in outsit yards, and the proposed method of measurement.	b. Name of waterway at the location of the	he activity			
and non-structural points of discharge, must be attached to this application.  21. For construction or work in navigable waters for which a separate permit is sought under 33 U.S.C. 403, the character of each structure must fully shown on detailed plant to be submitted with this application. Note on the drawings those structures for which separate discharges information (Section II of this form has been submitted.)  22. Lest all approvals or denaits grayed by Federal, interstate, State or local agencies for any structures, construction, discharges or deposits described in this application.  Type of document  Id. No.  Date    Sequence   Seque	Passaic	River			
fully shown on detailed plans to be submitted with this application. Note on the drawings those structures for which separate discharge infortion. Section 1 of this (grown) has been submitted.  22. List all approvals or denials granted by Federal, interstate, State or local agencies for any structures, construction, discharges or deposits described in this application.  Type of document  Id. No.  Date  Lisusing Agency  23. Check if facility existed or was lewfully under constitution prior to April 3, 1970.  24. If dredging or filling will occur:  State the type of materials invalved, their volume in cubic yards, and the proposed method of measurement.	20. Maps and sketches which show the loc and non-structural points of discharge	ation and character of each structure or , must be attached to this application.	activity, including any and al	l outfall devices	, dispersive devicu
23. Check if facility existed or was lawfully under constitution prior to April 3, 1970.  24. If dredging or filling will occur:  State the type of materials involved, their volume in cubic yards, and the proposed method of measurement.  25. Describe the proposed method of instrumentation which will be used to measure the volume of any solids which may be deposited and to determine its offeet upon the waterway.	fully shown on detailed plans to be su	bmitted with this application. Note on t	ught under 33 U.S.C. 403, the drawings those structures	e character of ea for which separa	sch structure must ite discharge infor
23. Check if facility existed or was lawfully under constitution prior to April 3, 1970.  24. If dredging or filling will occur:  State the type of materials invalved, their volume in cubic yards, and the proposed method of measurement.  25. Describe the proposed method of instrumentation which will be used to measure the volume of any solids which may be deposited and to determine its offect upon the waterway.		/ Federal, interstate, State or local agence:	ies for any structures, constru	uction, discharge	es or deposits
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25. Describe the proposed method of instrumentation which will be used to measure the volume of any solids which may be deposited and to determine its offect upon the waterway.	•	heir volume in cubic yards, and the prop	osed method of measuremen	t.	
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ט ס			ure the volume of any solids	which may be d	epusited and to
	determine its wrest upon the waterwa				
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26. State rates and periods of deposition described in Item 25.					Œ
	26. State rates and periods of deposition of	described in Item 25.			C
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5. Date JUN 25 71	(Office use only)
JUN 25 71	2500%7 2 000570
mo day yr	
6. Check type of application:	7. Number of original application
a. Original X b. Revision	
8. Name of facility where discharge or construction will occur.	•
National Gypsum Company	
Millington Plant	
9. Full mailing address of facility named in item 8 above.	
l a la companya da l	
Mr. George P. Reilly, Plt Mgr.	
National Gypsum Company	
50 Division Street	
Millington, New Jersey 07946	
Phone 1-201-647-0500	
10. Names and mailing addresses of all adjoining property owners whose property	tso adjoins the waterway.
Mr. Walter Carell, 150 Splitrock Road	<b>\</b>
Componed the Water Componer 222 Concert	Syosset, New Jersey
Coomonwealth Water Company, 233 Canoe I	srook Road, Short Hill, N.J.
(*)	
	<i>y</i> '
11. Check to indicate the nature of the proposed activity:	
	with Discharge D. Discharge only
12. If activity is temporary in nature, estimate its duration in months.	
If application is for a discharge:	
If application is for a discharge:  13. List intake sources	ad Volume in Million
If application is for a discharge:  13. List intake sources  Estimat	ed Volume in Million Per day or Fraction
If application is for a discharge:  13. List intake sources  Estimat	
If application is for a discharge:  13. List intake sources  Source  Gallon:  Municipal or private water supply system	Per day or Fraction
If application is for a discharge:  13. List intake sources  Source  Municipal or private water supply system  Surface water body	Per day or Fraction
If application is for a discharge:  13. List intake sources  Source  Municipal or private water supply system  Surface water body  Ground water	Per day or Fraction
If application is for a discharge:  13. List intake sources  Source  Municipal or private water supply system  Surface water body	Per day or Fraction
If application is for a discharge:  13. List intake sources  Source  Municipal or private water supply system  Surface water body  Ground water	Per day or Fraction
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If application is for a discharge:  13. List intake sources  Source  Gallon:  Municipal or private water supply system  Surface water body  Ground water  Other  14. Describe water usage within the plant  Type  Cooling water  Boiler Feed water  Process water	Per day or Fraction Thereof  0 0 Δ  0 2  and Volume in Million I Per day or Fraction
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#### PART A (Office use anly) IN ote: Submission of Part A is required at all applicants whose processes are listed 909 570 on page 3 above.) 25 D OXW Discharge Serial No. 001 INFORMATION REQUIRED OF SPECIFIED INDUSTRIES NIA EA TEO INTA SE MA TE A TON 128 A TEO INTA SE MA TE A TON 128 A TON 128 A TE A TON 128 A TON 128 A TE A TON 128 A TON 128 A TE A TON 128 A TON Intak. TOAIL LINTALIA LE CONCENTARE MATRATIONU (1) Discharge FATEGINTANE WATER TOWN TO NA XININA OUNIOS AE A AA OCUNIOS AE A AA OCUNIOS AE A AA OCUNIOS AE A CONCENT A VG SAMPLE LAFOLIENCY ALA DA POUNDS AVERAGE ACUNOS Or METHOD CONTINUOUS NONITORING Sample Trac (7) 151 (6) (8) (10) (11) STD 00410 3,43 54 412 549 58 34 AVER OTHR METHIAB B.O.D. 5-DAY 00310 14 0.09 14 **A**., 11 Α CHEMICAL OXYGEN DEMAND (C.O.D.) 10 30 30 0.19 23 6 00340 TOTAL SOLIDS 00500 204 15 1.28 153 21 12 TOTAL DISSOLVED SOLIDS 15 164 1.02 123 20 12 70300 TOTAL SUSPENDED SOLIDS 40 0.25 30 00530 Α 1 1 TOTAL VOLATILE SOLIDS Α 40 0.25 30 1 1 00505 AMMONIA (as N) 00610 2.00 3.00 0.02 2 . .20 A ASB KJELDAHL NITROGEN 00625 0.70 4.00 0.02 3 3.50 2 200 NITRATE (as NI 2.25 3.00 0.02 2 2.29 1 00620 960 PHOSPHORUS TOTAL (as P) 1.10 1.10 0.01 1 A A

ENG FORM 4345-1

00665

# DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS

APPLICATION FOR PERMIT TO DISCHARGE OR WORK IN NAVIGABLE WATERS AND THEIR TRIBUTARIES

SECTION I. GENER	IAL INFORM	IATION			1. State	Application Nu 2500X	<u>i</u> 2	0.0	05 70	neers)
			<del> </del>		1 x x	Div. Dis	t. Tyj	se Soc	quence No.	
2. Name of applicant	and title of s	igning official			psum C					
			Mr. Da	rwin	Tucker	, Corpor	ate Pre	sident		
3. Mailing address of	applicant	Nation	al Gyns	Sum Co	mnanv		_			
		325 De						<del>-</del> -		
		Buffalo		York						
4. Name, address, tele	Mr. Ge	er and title of a Orge P.	Reilly	uthorized a	gent for perm	it application c	oordination and Jurewi	nd correspon . C Z	dence.	
		Manager			15	Pro	ject En	gineer		
		al Gypsi		pany <	- <u>A</u>	1t 325				
		ision S			\ <del></del>		falo, N		k 1420	2
		gton, No			7946	17	<u> 16-582-</u>	· <u>5880</u>		
· · · · · · · · · · · · · · · · · · ·	Phone	1-201-6	47-0500							
NOTE TO APPLICA	NT: Refer to before at	the pamphlet o	entipled "Per implete this i	nits for Wo	ork and Struc	tures in and for	Discharges or	Deposits int	o Navigable '	Waters"
Required Information a. All information	1		1		Jerra					
entitled "Confidence or finantial treatments attached sheet, information,"	dential Answe icial informati ent can be co However, in r	irs" must be us ion of a confid- nsidered only f no event will id	ed to set out ential nature or that infor entification	information. The information for of the control	in which is contained in must which a speciants and freq	ensidered by the clearly indicate ific written requ uency of a disch	rapplicant to the item numi uest of confidenarge be recogni-	constitute tri ber to which entiality has nized as conf	ade secrets on it applies. Con been made o fidential or p	r com- ion- in the irivileged
B. The applicant si	hall furnişktey	ch supplement	ary informat	ion as is re	quired by the	District Engine	er in order to	evaluate full	y an applicat	tion.
c. If additional spi that sheet the it				any item or	n this form, a	ttach a sheet en	titled "Additi	onal Intorma	jtion, indic	ate on
d. Drawings requir if applicable, co of Section II tie	ed by items 2	0 and 21 shoul	ld be attache	written con	noiteation	which describes	water quality	impact (see	Item 22 and	include, I tem 10
Foos	-	~ /								
If any discharge additional point			plication fee	of \$100 m	iust be submi	tted with this a	pplication. An	additional 3	j50 is require	id for sac
Signature  a. If a discharge is		/' 			must be see	and but the princ	inal evecutive	officer of th	nat corporati	on or by
an official of the by the principal the application	e rank of corp	orate vice pres	ident or about the second of t	ve who rep ons on beh	orts directly alf of the cor	to such principa poration, In the	i executive of case of a part	ficer and whi inership or a	o has been of sole propriet	esignated
b. If no discharge i	s involved, an	application m	ay be signed	by the app	licant or his	authorized agen	· · /			
Application is h contained in thi	ereby made for application,	or a permit or p	permits to au e best of my	thorize the knowledge	and belief su	ich information	is true, comp	am familiar	with the info urate.	ormation
			•		1100	وموروروما	1	.66.	2	
18 U.S.C. Section	n 1001 provi	des that:		•	<b>.</b>	Signature of	Applicant			
Whoever, in any covers up by any or uses any false	y trick, schem writing or do	e, or device a r ocument knowi	material fact, ing same to c	, or makes : :ontain any	iny false, fict	itious or fraudu	lent statemen	ts or represer	ntations, or r	mak <b>es</b> i
than \$10,000 or	maprisoned F	or more than I	years, Of	oun.						<u> </u>
Acronym name i	of applicant		FOR CORP	S OF ENG	INEERS US Are discharg					Ç
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but without co	ortificate					EPA, form not				22
Date received, for Date of Cert./Lt		==				EPA, NOAA, D mplete form		<u></u>		
		day	mo	Ϋ́T				day m	0 Yr	
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PROFILE THRU RIVER AND MARSH

MARSH

PASSAIC

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LOCATION MAP TRACED FHOM SHEET 6095 11 4 SCALE 1: 24,000

1000 500 ERIE LACHALYANNA RR Burn PRUCERTY FOAT MAIN DIVISION HAVY D. 4.5.5.4.9 TANK . ASB PROD WHIE STONEHOUSE LAN S ALE PE 200

MEADOW VIEW RD.

NATIONAL GYPSUM C MILLINGTON , MORRIS COUNTY, NEW JERSE

PERMIT DISCHARGE APPLICATION DRAWIN SHEET OF

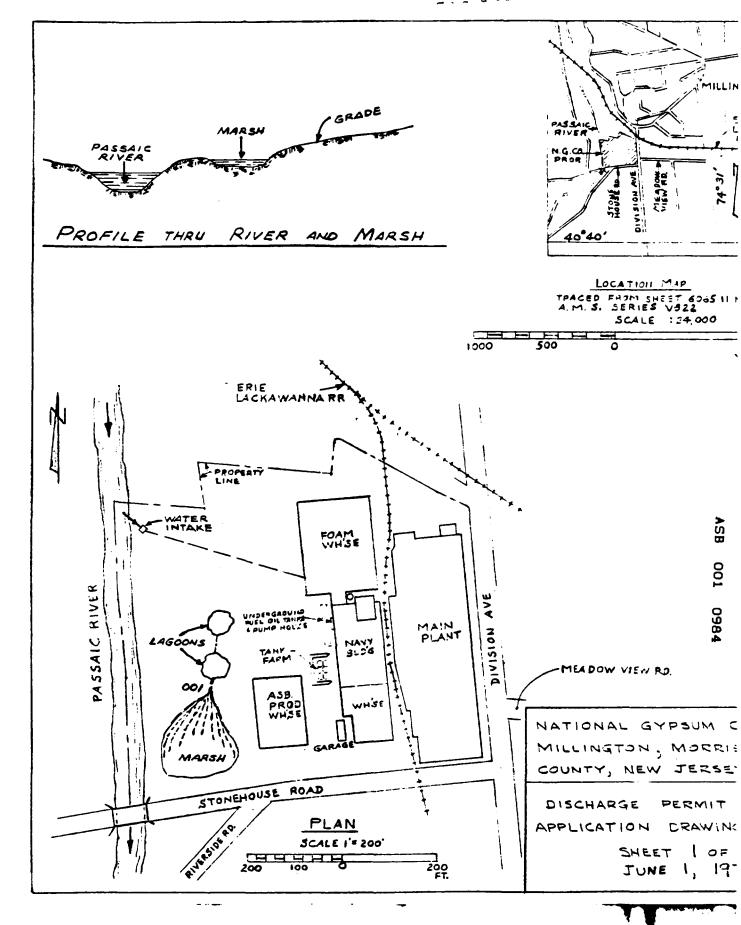
JUNE 1, 19.

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5. Date	(Office unly)	
<u>JUN 25 71</u>	2SD OXW 2	2 000570
mo day yv  6. Check type of application:	7. Number of original a	application
a. Original X b. Revis	ion 001	•
8. Name of facility where discharge or construction will occur.	<del></del>	
National Gypsum Company		
Millington Plant		
9. Full mailing address of facility named in item 8 above.		
Mr. George P. Reilly, Plant Mar	nager	•
National Gypsum Company		
50 Division Street		
Millington, New Jersey 07946		<u></u>
Phone: 1-201-647-0500		
10. Names and mailing addresses of all adjoining property owners wh		
Mr. Walter Carell, 150 Splitrock Road,		
Commonwealth Water Company, 233 Can	oe Brook Road, Short Hill	New Jersey
11. Check to indicate the nature of the proposed activity:		
	Construction with Discharge	b. Discharge only
12. If activity is temporary in nature, estimate its duration in months		
M		
If application is for a discharge:		:
If application is for a discharge: 13. List intake sources		:
·	Estimated Volume in Million Gallons Per day or Fraction	:
13. List intake sources Source	Estimated Volume in Million	
13. List intake sources	Estimated Volume in Million Gallons Per day or Fraction	:
13. List intake sources  Source  Municipal or private water supply system  Surface water body  Ground water	Estimated Volume in Million Gallons Per day or Fraction	: -
13. List intake sources  Source  Municipal or private water supply system  Surface water body	Estimated Volume in Million Gallons Per day or Fraction	
13. List intake sources  Source  Municipal or private water supply system  Surface water body  Ground water	Estimated Volume in Million Gallons Per day or Fraction	; 1
Source  Municipal or private water supply system Surface water body Ground water Other  14. Describe water usage within the plant	Estimated Volume in Million Gallons Per day or Fraction Thereof  0 3 1 5	, , , , , , , , , , , , , , , , , , ,
Source  Municipal or private water supply system Surface water body Ground water Other  14. Describe water usage within the plant	Estimated Volume in Million Gallons Per day or Fraction Thereof	
Source  Municipal or private water supply system Surface water body Ground water Other  14. Describe water usage within the plant  Type Cooling water	Estimated Volume in Million Gallons Per day or Fraction Thereof	, , , , , , , , , , , , , , , , , , ,
Source  Municipal or private water supply system Surface water body Ground water Other  14. Describe water usage within the plant	Estimated Volume in Million Gallons Per day or Fraction Thereof	, , , , , , , , , , , , , , , , , , ,
Source  Municipal or private water supply system Surface water body Ground water Other  14. Describe water usage within the plant  Type  Cooling water Boiler Feed water Process water Sanitary system*	Estimated Volume in Million Gallons Per day or Fraction Thereof	
Source  Municipal or private water supply system Surface water body Ground water Other  14. Describe water usage within the plant  Type  Cooling water Boiler Feed water Process water Sanitary system* Other	Estimated Volume in Million Gallons Per day or Fraction Thereof	, , , , , , , , , , , , , , , , , , ,
Source  Municipal or private water supply system Surface water body Ground water Other  14. Describe water usage within the plant  Type  Cooling water Boiler Feed water Process water Sanitary system*	Estimated Volume in Million Gallons Per day or Fraction Thereof	1, ASB
Source  Municipal or private water supply system Surface water body Ground water Other  14. Describe water usage within the plant  Type  Cooling water Boiler Feed water Process water Sanitary system® Other	Estimated Volume in Million Gallons Per day or Fraction Thereof	ASB 00
Source  Municipal or private water supply system Surface water body Ground water Other  14. Describe water usage within the plant  Type  Cooling water Boiler Feed water Process water Sanitary system* Other	Estimated Volume in Million Gallons Per day or Fraction Thereof	AS B
Source  Municipal or private water supply system Surface water body Ground water Other  14. Describe water usage within the plant  Type  Cooling water Boiler Feed water Process water Sanitary system* Other  15. List volume of discharges or losses other than into navigable water  Type  Municipal waste treatment system	Estimated Volume in Million Gallons Per day or Fraction Thereof	ASB 001
Source  Municipal or private water supply system Surface water body Ground water Other  14. Describe water usage within the plant  Type  Cooling water Boiler Feed water Process water Sanitary system* Other  15. List volume of discharges or losses other than into navigable water  Type  Municipal waste treatment system Surface containment	Estimated Volume in Million Gallons Per day or Fraction Thereof	ASB 001
Source  Municipal or private water supply system Surface water body Ground water Other  14. Describe water usage within the plant  Type  Cooling water Boiler Feed water Process water Sanitary system* Other  15. List volume of discharges or losses other than into navigable water  Type  Municipal waste treatment system	Estimated Volume in Million Gallons Per day or Fraction Thereof	ASB 00
Source  Municipal or private water supply system Surface water body Ground water Other  14. Describe water usage within the plant  Type  Cooling water Boiler Feed water Process water Sanitary system* Other  15. List volume of discharges or losses other than into navigable water  Type  Municipal waste treatment system Surface containment Underground disposal Waste Acceptance firms Evaporation	Estimated Volume in Million Gallons Per day or Fraction Thereof	V2B 001
Source  Municipal or private water supply system Surface water body Ground water Other  14. Describe water usage within the plant  Type  Cooling water Boiler Feed water Process water Sanitary system* Other  15. List volume of discharges or losses other than into navigable water  Type  Municipal waste treatment system Surface containment Underground disposal Waste Acceptance firms	Estimated Volume in Million Gallons Per day or Fraction Thereof	V2B 001

it custures exist, or dredging, filling the compress se location of the activity must be described.	nstruction will ecsur, the		∕) ₩ 2 000570	
a. Name the corporate boundaries within which the	structures spiet or the	23D OX	W 2 000010	
a. Name the corporate boundaries within which the activity will occur.			_	
State 16. New Jersey	County 17. Morris	City o 181	r Town lington	
Name of waterway at the location of the activity				
Passaic River				
19. <u>A SSUAN TERY OF</u> 20. Maps and sketches which show the location and o	character of each structu	re or activity, including	any and all outfall devices, dis	persive devices,
and non-structural points of discharge, must be a	ttached to this application	on.		
21. For construction or work in navigable waters for fully shown on detailed plans to be submitted wition (Section II of this form) has been submitted	th this application. Note	is sought under 33 U.S on the drawings those	.C. 403, the character of each structures for which separate d	itructure must b lischarge inform
<ol> <li>List all approvals or denials granted by Federal, it described in this application.</li> </ol>	nterstate, State or local a	agencies for any structu	res, construction, discharges or	deposits
Type of document	ld. No.	Date	Issuing Agency	
	NONE			
	NONE			
			and the same is comediated.	
<b>6</b>				
	-/ 7			
	4	的自己ノ上	3	
23. Check if facility existed or was lawfully under co	nstruction prior to April	3, 1970.		
24. If dredging or filling will occur:				
State the type of materials involved, their volume	in cubic yards, and the	proposed method of m	neasurement.	
			•	
	NONE PLA	NNED		
	NONE PLA	INNED		
25. Describe the proposed method of instrumentation	n which will be used to r	measure the volume of	any solids which may be depos	ited and to
determine its effect upon the waterway,				
	NO SYSTE	M PLANNE	D	S
				89
6. State rates and periods of deposition described in	Item 25.			0
				_
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	AS REQUI	R E U		86
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ENG FORM ADAE				0 0 -4 0

### OMB NG. -9-R -408

# DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS

APPLICATION FOR PERMIT TO DISCHARGE OR WORK IN NAVIGABLE WATERS AND THEIR TRIBUTARIES

SECTION I GENERAL INFORMATION	1. State Application Number (to be assigned by Corps of Engineers)
	N J Div. Dist. Type Snquence No.
2 Name of applicant and title of signing official National Gyp	sum Company
	ucker, Corporate President
3. Mailing address of applicant	
National Gypsum Com	
325 Delaware Avenue	4
Buffalo, New York 1	4202
1	
	_
4. Name, address, telephone number and title of applicant's authorized age: Mr. George P. Reilly	nt for permit application coordination and correspondence. E.L.Jurewicz
Plant Manager	Project Engineer
National Gypsum Company	-Alt 325 Delaware Avenue
50 Division Street	Buffalo, New York 14202
	946 1-716- <del>582-5880</del>
Phone 1-201-647-0500	852-5880 BC
	and Structures in and for Discharges or Deposits into Navigable Waters"
before attempting to complete this form.  Required Information	
a. All information contained in this application will, upon request, be mentitled "Confidential Answers" must be used to set out information mercial or financial information of a confidential nature. The information fidential treatment can be considered only for that information for we attached sheet. However, in no event will identification of the content information.  b. The applicant shall furnish such supplementary information as is required. If upditional space is needed for a complete response to any item an that sheet the item numbers to which answers apply.  d. Drawings required by items 20 and 21 should be attached to this application or a written comm of Section II below), the additional information sheet(s) in "o" above.  Fees  If any discharge or deposit is involved, an application fee of \$100 mus additional point of discharge or deposit.  Signature.  a. If a discharge is involved, an application submitted by a corporation man official of the runk of corporate vice president or above who report	which is considered by the applicant to constitute trade secrets or comtion must clearly indicate the item number to which it applies. Conhich a specific written request of confidentiality has been made on the is and frequency of a discharge be recognized as confidential or privileged and the district Engineer in order to evaluate fully an application. This form, attack a sheet entitled "Additional Information." Indicate on instance of the confidential information which describes water quality impact (see Item 22 and Item 10, and the confidential information sheet described in "a" above.  It be submitted with this application. An additional \$50 is required for each the signed by the principal executive officer of that corporation or by is directly to such principal executive officer and who has been designated of the corporation. In the case of a partnership or a sole proprietorship, Other signature requirements are discussed in the pamphlet.  ant or his authorized agent.
18 U.S.C. Section 1001 provides that:	Signature of Applicant
Whoever, in any matter within the jurisdiction of any department or a covers up by any trick, scheme, or device a material fact, or makes any	gency of the United States knowingly and wilfully falsifies, conceals or
or uses any false writing or document knowing same to contain any falthan \$10,000 or imprisoned not more than five years, or both.	ise, fictitious or fraudillent statement or entry, shall be fined not more
FOR CORPS OF ENGIN	EERS USE ONLY
Acronym name of applicant	re discharge structures
Cata resourced form and the	ejor? Minor? N/A?
Date received, form not complete	
but without certificate Di	ete sent to EPA, form not complete — — — — — — —
Date received, form complete — — — — — — Di	ate sent to EPA, NOAA, D/I, AEC,
day mo yr	FPC in complete form ————————————————————————————————————
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<b>22</b> .	PHY	i~L	DESCRIPTION	ON OF INTAK	E WATE	RA	ارا	DISCHARGE			
	\		Discharge				199 00	-			
Intake			Discharge				0 03	CW 2 0005			
									Discharge Serie	_	
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Walls	14.7.7. TO			Sally.	Tr.	e f		THE SAME	18		
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Parameter	/		,a,		(4)	/	`	(5)	(6)		7)
and (Code)	(1)	<del>}</del>	(2)	(3)	171		$\rightarrow$	(3)	101	<del>,</del>	
Flow Gallons per day) 00056		2	0000	150,000	WAT	ER	FIL	OW DE-	OTHR	AF	38
		$\perp$						N WEA-		ļ	_
pH 00400					THE	R C	ONI	DITIONS			
		17.	.0	8.5					OTHR	AI	3S
Temperature (Winter) (°F)	T F	1	ንፑ ው ል ጥ ፣	DEC AD		N C			A DIENA		
74028	1 E	1	PERAIC	RES AR	- 00	N 5	1 10	ERED A	MBIENT	ļ	
Temperature (Summer) (°F)											
74027											
23.			DI	SCHARGE CO	NTENTS	5		<del>,</del>			_
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PARAMETER	PRESENT	ABSENT	P/	ARAMETER		PRESENT	ABSENT	f	PARAMETER		
Color 00080		X	Aluminum 01105			X		Nickel 01067			T
Turbidity 00070		X	Antimony 01097		_		X	Selenium 01147			T
Radioactivity 74050		X	Arsenia 01002	· <u>·</u>			X	Silver 01077			T
Hardness 00900	×		Beryllium 01012		- "		X	Potassium 00937			T
Solids 00500	×		Barium 01007				X	Sodium 00929			1
Ammonia 00610	×		Boron 01022				X	Titanium 01152			T
Organic Nitrogen 00605	×	T	Cadmium 01027	· · · · · · · · · · · · · · · · · · ·	<del></del>		×	Tin 01102			T
Nitrate 00620	×		Calcium 00916			X		Zinc 01092		<del></del>	1
Nitrite 00615	×		Cobalt 01037	<del></del>			×	Algicides 74051	<del></del>		T
Phosphorus 00665		X	Chromium 01034		·····		×	Oil and Great	90		+
Sulfate 00945	×		Copper 01042		<del></del>	<del>                                     </del>	X	Phenois 32730		S	-
Sulfide 00745		X	1ron 01045	····		X	Ť	Surfactants 38260		<b>B</b>	-
00745 Sulfite 00740		X	Lead			Ι_	X		Hydrocarbons	Q	-
Bromide		X	Magnesium		· · · · · · · · · · · · · · · · · · ·	X	1	Pesticides 74053		01	-
71870 Chloride	×	†~	Manganese		<del>_</del> •	X	-	Fecal Strepto	ococci Bacteria	Ö	_
00040	1	1	i Uluba	01055			ı	74054		Ų.	
00940 Cyanide 00720		X	Mercury 71900				X	Coliform 8ac 74056	teria	0988	

Page 2 of !

PARLA

Millington

(Note: Submission of Part A is required of all applicants whose processes are listed on page 3 above.)

(Office use only)

2SD OXW 2 000570

Discharge Serial No.

# INFORMATION REQUIRED OF SPECIFIED INDUSTRIES

Intake			Discharge			<del></del>		
PARAMETER AND CODE  ALKALINITY (25 C3 C0 G)	O INTEREST ONCENTRATION	NA XIMAN CONCENTION OF THE PROPERTY OF THE PRO	AA TION (5) (6)	SAMPLE TYPE	OF ME OUENCY	CONN. CONN.	TINUOUS ORING	(11)
ALKALINITY (as Ca CO <sub>3</sub> ) 00410	54		549			OTHR	STD	
8.O.D. 5-DAY 00310	14		A	Α	ſ	1		1
CHEMICAL OXYGEN DEMAND (C.O.D.)	30		10	13				
TOTAL SOLIDS 00500	15		204	255				!
TOTAL DISSOLVED SOLIDS 70300	15		164	205				; ;
TOTAL SUSPENDED SOLIDS 00530	A		40	50			:	:
TOTAL VOLATILE SOLIDS 00506	А		40	50	,			:
AMMONIA (as N) 00610	2.00		0.20	A			,	:
KJELDAHL NITROGEN 00625	0.70		3.50	4			:	ASB 001
NITRATE (as N) 00620	2.25		2.29	3			:	)1 0989
PHOSPHORUS TOTAL (as P)	1.10		А	A	i	Ì	•	- <b>ũ</b>

ENG FORM 4345-1

Page 4 of 5

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. 4	,. <b>q⊲e</b> .il	known hazardous or polentially dous substances in	your pl	. Aved 106	menteries?	
	Į	X Yes No				-)(- <del></del>
246.	If yes, h	ava staps been taken to insure that there exists no possib	elity of	any such k	nown hazardous or potentially hazardous subs	lance entering
		X Yes No				
25.	Remarks,					
	C	THR - Grab samples taken for application	r the	e pur	pose of this report and	
	ctivity incl	on above completes the basic reporting requirements who uded within any of the Standard Industrial Glassification				
		_CRITICAL IN	DUSTF	IIAL GR	OUPS	
SIC	098	FISH HATCHERIES, FARMS, AND PRESERVES	SIC	285	PAINTS, VARNISHES, LACQUERS, ENAI ALLIED PRODUCTS	MELS, AND
SIC	10-14	DIVISION B - MINING	SIC	2871	FERTILIZERS	
SIC	201 202	MEAT PRODUCTS  DAIRY PRODUCTS	SIC	2879	AGRICULTURAL PESTICIDES, AND OTH CULTURAL CHEMICALS, NOT ELSEWHE	
SIC	203	CANNED PRESERVED FRUITS, VEGETABLES (EXCEPT SEAFOODS, SIC 2031 AND 2036)	SIC	2891	CLASSIFIED ADHESIVES AND GELATIN	
SIC	2031.	CANNED AND CURED FISH AND SEAFOODS:	SIC	2892	EXPLOSIVES	
	2036	FRESH OR FROZEN PACKAGED FISH AND SEAFOODS	SIC	29	PETROLEUM REFINING AND RELATED	INDUSTRIES
SIÇ	204	GRAIN MILL PRODUCTS	SIC	3011, 3069	TIRES AND INNER TUBES; FABRICATED	
SIC	206	SUGAR	SIC	3079	MISCELLANEOUS PLASTICS PRODUCTS	
SIC	207	CONFECTIONARY AND RELATED PRODUCTS	SIC	311	LEATHER TANNING AND FINISHING	
SIC	208	BEVERAGES	SIC	32	STONE, CLAY, GLASS, AND CONCRETE	PRODUCTS
SIC	209	MISCELLANEOUS FOOD PREPARATIONS AND KINDRED PRODUCTS	SIC	331	BLAST FURNACES, STEEL WORKS, AND AND FINISHING MILLS	
SIC	22	TEXTILE MILL PRODUCTS	SIC	332	IRON AND STEEL FOUNDRIES	
SIC	23	APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS	SIC	333, 334	PRIMARY SMELTING AND REFINING OF FERROUS METALS, SECONDARY SMELT REFINING OF NONFERROUS METALS	
SIC	242	SAWMILLS AND PLANING MILLS	SIC	336	NONFERROUS FOUNDRIES	
SIC	2432	VENEER AND PLYWOOD	ŠIC	347	COATING, ENGRAVING, AND ALLIED SI	ERVICES
SIC	2491	WOOD PRESERVING	SIC	35	MACHINERY, EXCEPT ELECTRICAL	
SIC	26	PAPER AND ALLIED PRODUCTS	SIC	36	ELECTRICAL MACHINERY, EQUIPMENT	AND
SIC	281	INDUSTRIAL INORGANIC AND ORGANIC CHEMICALS (EXCEPT SIC 2818)			SUPPLIES	
SIC	2818	INDUSTRIAL ORGANIC CHEMICALS	SIC	37	TRANSPORTATION EQUIPMENT (EXCEP BUILDING AND REPAIRING, SIC 3731)	1 Shir
SIC	282	PLASTICS MATERIALS AND SYNTHETIC RESINS, SYNTHETIC RUBBER, SYNTHETIC	SIC	3731	SHIP BUILDING AND REPAIRING	
		AND OTHER MAN-MADE FIBERS, EXCEPT GLASS	SIC	491	ELECTRIC COMPANIES AND SYSTEMS	
SIC	283	DRUGS	SIC	493	COMBINATION COMPANIES AND SYSTEM	MS
SIC	284	SOAP, DETERGENTS, AND CLEANING PREP- ARATIONS, PERFUMES, COSMETICS, AND OTHER TOILET PREPARATIONS				

PART B Millington (Office use only) 2SD OXW 2 000570 Discharge Serial No. 001 B-2. CHEMICAL PARAMETERS OF INTAKE WATER AND DISCHARGE (See Table B-2) Discharge Intake OAIL VAVO. CONCENTRATION NAME OF THE OWN PORTS \*\*AXIMUM POUNDS PER DAY TVERACE POUNDS PER DAY UNITAGA TEO INTANG MATER \*\*ANDRIAN CONCENTRATION CONTINUOUS MONITORING TREATED INTARE MATER ARTHOO OF ANALYSIS SAMPLE FREQUENCY SARRIE TURE PARAMETER (8) AND CODE (1) (2) (3) (4) (5) (6) (7) (9) (10) ACIDITY (as CaCO3) 00435 TOTAL ORGANIC CARBON (T.O.C.) 00680 TOTAL HARDNESS 71 76 95 S A 00900 0 S NITRITE (as N) A A 0.1 0 00615 S ORGANIC NITROGEN 0.7 Ô 00605 PHOSPHORUS-ORTHO (as P) 70507 SULFATE 00945 SULFIDE 0.1 S A 0.4 0 00745 SULFITE 00740 BROMIDE 71870 ENG FORM 4345-1 JUN 71

#### PART B DISCHARGE DESCRIPTION Millington (Office use only) (Neta: Submission of Part 8 is required of all applicants who are also required to submit Part A. Only those parameters specifically 2SD OXW 2 000570 indicated in the instructions are to be reported by a particular industry) Discharge Serial No. 001 PHYSICAL AND BIOLOGICAL PARAMETERS OF INTAKE WATER AND DISCHARGE (See Table 8-1) B-1. Discharge Intake CONTINUOUS MONITORING ORERAY INC. YEAR) Edward FREQUENCY INTAREATED INTARE NATED Average loan by CORE NATINGERS PARAMETER (1) (2) (3) (4) (5) (7) (6) AND CODE COLOR 00080 SPECIFIC CONDUCTANCE 00095 TURBIDITY 00070 FECAL STREPTOCOCCI BACTERIA 74054 FECAL COLIFORM BACTERIA 74055 TOTAL COLIFORM BACTERIA 74056

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	TAB Guide for Com	LE A	250011	2	0005 7
			REFERENCES		
PARAMETER & Units	METHOD	STANDARD METHODS 13TH ED. 1971	A.S.T.M. STANDARDS Pt. 23 1970	W.Q.O. METHODS 1971	SIGNIFICAN IN REPORTING DATA
ALKALINITY AS Ca CO <sub>3</sub> Mg/liter	ELECTROMETRIC TITRATION TECHNICON METHYL ORANGE METHOD	р. 370	p. 154	p. 6	x.
B.O.D. 5-DAY Mg/liter	MODIFIED WINKLER METHOD OR PROBE METHOD	p. 489	p. 712	a. 18	<b>x.</b>
CHEMICAL OXYGEN DEMAND (C.O.D.) Mg/liter	DICHROMATE REFLUX METHOD	p. 498	3-\	0.12	x.
TOTAL SOLIDS Mg/liter	GRAVIMETRIC, 105°C.	0.13	-	p. 280	x.
TOTAL DISSOLVED (FILTERABLE) SOLIDS Mg/liter	GLASS FIBER FILTRATION METHOD, 180°C.	p. 539	-	p. 275	x.
TOTAL SUSPENDED (NON-FILTERABLE) SOLIDS Mg/liter	GEASS FIBER FILTRATION METHOD, 103-105°C.	p. 537	-	р. 278	x.
TOTAL VOLATILE SOLIDS Mg/liter	GRAVIMETRIC METHOD 550°C.	p. 536	-	p. 282	x.
AMMONIA (as N) Mg/liter	DISTILLATION-NESSLERIZATION METHOD OR TECHNICON-DIGESTION & PHENOLATE METHOD	p. 463	-	р. 134	.xx
KJELDAHL NITROGEN Mg/liter	DIGESTION-DISTILLATION METHOD OR TECHNICON-DIGESTION & PHENOLATE METHOD	p. <b>489</b>	-	p. 148	.xx
NITRATE (as N) Mg/liter	BRUCINE SULFATE METHOD OR TECHNICON-HYDRAZINE REDUCTION METHOD	p. 461	-	p. 170	.xx.
TOTAL PHOSPHORUS (as P) Mg/liter	PERSULFATE DIGESTION & SINGLE REAGENT METHOD OR TECHNICON-MANUAL DIGESTION & SINGLE REAGENT OR STANNOUS CHLORIDE	p. 526	-	p. 236	.xx

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8-4. REMARKS							

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B-2. (cont.)	CHEMICA	L PANAMI	CIENS UP I	MIAKE		DISCHARG	C (200 19)	116 0.5	· <i>!</i>	
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B-2. (cont.)	CHEMICA	AL PARAM	ETERS OF	INTAKE V	VATER ANI	DISCHAR	GE (See Ta	ble B	-2)		
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SELENIUM-TOTAL 01147				٠							
SILVER-TOTAL 01077											
SODIUM-TOTAL 00929						34	43	A	0	s	A
THALLIUM-TOTAL 01059											
TIN-TOTAL 01102											
TITANIUM-TOTAL 01152											00
ZINC-TOTAL 01092											9660
OIL AND GREASE						A	A	A	0	S	A

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B-2. (cont.)	CHEMICA	AL PARAME	ETERS OF	INTAKE W	ATER AND	DISCHAR	GE (See Ta		2)		
Intake					Discherge						
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IRON-TOTAL 01045						400	-	A	٥	S	4
LEAD-TOTAL 01051											
MAGNESIUM-TOTAL 00927		5				9	7	A	0	S	,
MANGANESE-TOTAL 01055						A	A	A	0	s	4
MERCURY-TOTAL 71900											V.
MOLYBDENUM-TOTAL 01062									60	ر ا	

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B-2. (cont.)	CHEMICA	L PARAM	ETERS OF	INTAKE	WATER AND	DISCHAR	GE (See T			
Intake					Discharge					
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IG FORM 4345-1								~~ &	, ~	Page 3

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: SECTION I	. PLANT PROCESS AND DIS	CHARGE DESCRIPTION
1, Discharge described below is a. Present X b. Proposed new or changed	2. Implementation schedule	(Office use only)
Name of corporate boundaries within which the State	point of discharge is located, County	Gity or Town
3 New Jersey	4. Morris	s. Millington
	[0.1]	
State the precise location of the point of discherge. The stitude $\frac{4}{2}$ Degrees; $\frac{4}{2}$ Degrees.		aterway at the point of discharge,
8. Longitude 7 _ 4 _ Degrees; 3 1 A	fin; Sec.	Passaic River
10. Has application for water quality certification	or description of impact been made	? If so, give date:
Date	Check if certificate is attached to form	Name Issuing Agency
SEE ATTACHED COPY OF L	ETTER OF REQUEST TO	O THE STATE
	ns of general 4-digit Standard Industri	al Classification, and specific manufacturing process).
		stos cement shingle using cylinder wet
process and autocla	ve cure. Rigid Urethan	e foam block manufacture by com-
	prepolymer and forming	
		A Company of the Company
<del></del>	12 13 11 11 11 11 11 11	
<u> </u>		
12. Standard industrial classification number.	13, Principal product.	14. Amount of principal product produced
		per day.
SIC 3292	Asbestos Co	240,000 lbs.
	Shingle Polyurethan	d Blocks 80,000 Board feet
	Polyurethan	a Blocks av, 000 Board feet
15. Principal raw material. Asbestos	16. Amount of principal raw consumed per day.	material 17. Number of batch discharges per day
Asbestos	<u>Varies</u>	. 370
		Varies c
	<del></del>	
18. Average gallons per batch discharge.	19. Dete discharge began.	20. Date discharge will begin,
N/A		4 2 N/A
	me day	yr — mo day — yr
21. Describe waste abatement practices.		
·	ated on a recycle system	with current revisions being taken to
mandan Abia a alaga	l seratama After manuala	
render this a closed	i system. After recycle	effluent is discharged to a series of
lagoons from where discharges by gravi	it overflows to a marsh ty along with storm water	area. The overflow from the marsh er run-off into the receiving stream. The
lagoons from where discharges by gravi foam operation is a	it overflows to a marsh ty along with storm water completely closed water	area. The overflow from the marsh or run-off into the receiving stream. The circuit.
lagoons from where discharges by gravi foam operation is a	it overflows to a marsh ty along with storm water completely closed water	area. The overflow from the marsh r run-off into the receiving stream. The
lagoons from where discharges by gravi foam operation is a ESEPAR, ESEGRE	it overflows to a marsh ty along with storm water completely closed water EMERGE DDOWNG, D	area. The overflow from the marsh or run-off into the receiving stream. The circuit.
lagoons from where discharges by gravi foam operation is a ESEPAR, ESEGRE	it overflows to a marsh ty along with storm water completely closed water EMERGE DDOWNG, D	area. The overflow from the marsh er run-off into the receiving stream. The circuit. HYSIC, RECOVE, RDOWNG, RECYCL,
lagoons from where discharges by gravi foam operation is a ESEPAR, ESEGRE	it overflows to a marsh ty along with storm water completely closed water EMERGE DDOWNG, D	area. The overflow from the marsh or run-off into the receiving stream. The circuit.  HYSIC, RECOVE, RDOWNG, RECYCL,
lagoons from where discharges by gravi foam operation is a ESEPAR, ESEGRE	it overflows to a marsh ty along with storm water completely closed water EMERGE DDOWNG, D	area. The overflow from the marsh er run-off into the receiving stream. The circuit. HYSIC, RECOVE, RDOWNG, RECYCL,
lagoons from where discharges by gravi foam operation is a ESEPAR, ESEGRE	it overflows to a marsh ty along with storm water completely closed water EMERGE DDOWNG, D	area. The overflow from the marsh er run-off into the receiving stream. The circuit. HYSIC, RECOVE, RDOWNG, RECYCL,

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